

### ABSTRACT

An electric engine starter motor having a rotor, stator, and a housing for the electric motor. A plastic end bell is mounted on an end of the housing and comprises a plastic rectangular body having a metallic strip embedded therein, a bushing mounted on the plastic rectangular body, and a ground terminal in electrical communication with both the metallic strip and the bushing. A grounding circuit is created through the metallic strip, the bushing, and the ground terminal to ground the electric motor.

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